<u>RAW SEQUENCE LISTING</u>

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _10/575,649A_

Source: _IFWO_

Date Processed by STIC: _02/22/2007_

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RAW SEQUENCE LISTING   DATE: 02/22/2007
PATENT APPLICATION: US/10/575,649A   TIME: 13:35:03

         Input Set : E:\22327 Sequence Listing.txt
         Output Set: N:\CRF4\02222007\J575649A.raw

     3 <110> APPLICANT: Roche Molecular Systems
     5 <120> TITLE OF INVENTION: Method for Distinguishing Who Classified AML Subtypes
     7 <130> FILE REFERENCE: 22327-US
     9 <140> CURRENT APPLICATION NUMBER: US 10/575,649A
C--> 10 <141> CURRENT FILING DATE: 2006-04-14
    12 <150> PRIOR APPLICATION NUMBER: PCT/EP2004/012471
    13 <151> PRIOR FILING DATE: 2003-11-04
    15 <160> NUMBER OF SEQ ID NOS: 239
    17 <170> SOFTWARE: PatentIn version 3.4
    19 <210> SEQ ID NO: 1
    20 <211> LENGTH: 491
    21 <212> TYPE: DNA
    22 <213> ORGANISM: Homo sapiens
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    26 <221> NAME/KEY: misc_feature
    27 <223> OTHER INFORMATION: n = any nucleotide
    29 <400> SEQUENCE: 1
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    32 aagaaacaga acactggctc aaagaaaagc aataaaaata agagtggcaa gaaccagttt   120
    34 aacagaggtg gtggccatag aggacgtgga ggattcaata tgcgtggtgg aaatttcaga   180
    36 ggaggagccc ctgggaatcg tggcggatat aataggaggg gcaacatgcc acagagaggt   240
    38 ggtggcggtg gaggaagtgg tggaatcggc tatccatacc ctcgtgcccc tgttttcct   300
    40 ggccgtggta gttactcaaa cagagggaac tacaacagag gtggaatgcc caacagaggg   360
    42 aactacaacc agaacttcag aggacgagga aacaatcgtg ctacaaaaa tcaatctcag   420
    44 ggctacaacc agtggcagca gggtcaattc tggggtcaga agccatggag tcagcattat   480
    46 caccaaggat a   491
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    50 <211> LENGTH: 307
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    57 cgctttctac actgtattac ataaataaat taaataaaat aaccccgggc aagacttttc   120
    59 tttgaaggat gactacagac attaaataat cgaagtaatt ttgggtgggg agaagaggca   180
    61 gattcaattt tctttaacca gtctgaagtt tcatttatga tacaaaagaa gatgaaaatg   240
    63 gaagtggcaa tataagggga tgaggaaggc atgcctggac aaacccttct tttaagatgt   300
    65 gtcttca   307
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    69 <211> LENGTH: 519
    70 <212> TYPE: DNA
    71 <213> ORGANISM: Homo sapiens
    73 <400> SEQUENCE: 3
    74 gtttggaact ttaatagcgt tgcaacgaaa tcctatatcc agtttcctgt aatttaattg   60

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Input Set : E:\22327 Sequence Listing.txt
Output Set: N:\CRF4\02222007\J575649A.raw

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 78 tgtgactgtt atgattatca gaatatgtct taactttta gggcaaagtt aacactgaaa    180
 80 gttctagctt aagtgttgaa acttttgtgg gaaaaaaaa tcacttttga aactcagact    240
 82 tcagtgtata cccaataatt taaaattatg tgaaatgttt taaatttgtg aactcgtaat    300
 84 tactgtttta atgattcagt ttcttcagag tggtaattgt ataaaattgc tattgcagct    360
 86 ttatattcaa tatgatgtgc ctgtaaacca aggagttttc cccgtttgta aaaagacatt    420
 88 gtagataatt gaatgtttga ttttagaaag gtcattagtt tcttgttaca cattttgtta    480
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116 aactcctgaa gttagaaata agaatggttt gtaaaatcca cagctatatc ctgatgctgg    180
118 atggtattaa tcttgtgtag tcttcaactg gttagtgtga aatagttctg ccacctctga    240
120 cgcaccactg ccaatgctgt acgtactgca tttgcccctt gagccaggtg gatgtttacc    300
122 gtgtgttata taacttcctg gctccttcac tgaacatgcc tagtccaaca ttttttccca    360
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130 <211> LENGTH: 454
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139 ctgggacaag ctggtcaagg tatggaacct ggctaactgc aagctgaaga ccaaccacat    180
141 tggccacaca ggctatctga acacggtgac tgtctctcca gatggatccc tctgtgcttc    240
143 tggaggcaag gatggccagg ccatgttatg ggatctcaac gaaggcaaac acctttacac    300
145 gctagatggt ggggacatca tcaacgccct gtgcttcagc cctaaccgct actggctgtg    360
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155 <213> ORGANISM: Homo sapiens
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162 tcatggctct tgcatttttg ggtaaatgga gacttccgga tcctgtcagg gtgtcccca   180
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166 tccctcaagc cagggctcct cctcctgtcg tgggctcatt tgccaggctc aggccaggtc   300
168 tggacagctg tgactctcct caagccagga ctaccgacca gccggctatg ggcacattac   360
170 gtgaccactg gcc                                                      373
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174 <211> LENGTH: 494
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176 <213> ORGANISM: Homo sapiens
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181 ttcctagaga gcggtggcca agatggggca ggggatgttg acgacctcga ggacctcgaa   120
183 gaagcagagg agccagacat ggaggaagac gatgaccaga aagctgtgaa agatgaactg   180
185 taatacgcaa agccggaccc gggcgctgcc gagacccctc gggggctgca cacccagcag   240
187 cagcgcacgc ctccgaagcc tgcggcctcg cttgaaggag ggcgtcgccg gaaacccaag   300
189 gaacctctct gaagtgacac ctcacccccta cacaccgtcc gttcacccccc gtctcttcct   360
191 tctgcttttc ggttttttgga aaacccggat cctactctag gcagcccacc ttggtgggct   420
193 tgtttcctga aaccatgatg tacttttttca tacatgagtc tgtccagagt gcttgctacc   480
195 gtgttcggag tctc                                                     494
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199 <211> LENGTH: 434
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201 <213> ORGANISM: Homo sapiens
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206 tcgtcatcag ctggatgatc gcacagactg tcactgctgt tgccgggttg acttcctatc   120
208 catttgacac cgttcgccgc cgcatgatga tgcagtcagg gcgcaaagga actgacatca   180
210 tgtacacagg cacgcttgac tgctggcgga agattgctcg tgatgaagga ggcaaagctt   240
212 ttttcaaggg tgcatggtcc aatgttctca gaggcatggg tggtgctttt gtgcttgtct   300
214 tgtatgatga aatcaagaag tacacataag ttatttccta ggattttttcc ccctgtgaac   360
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218 ttctcagtgg caac                                                     434
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231 actgccaggc tgtttcagcc aggaaggcca aaatcaagag tgagatgtag aaagttgtaa   180
233 aatagaaaaa gtggagttgg tgaatcggtt gttctttcct cacatttgga tgattgtcat   240
235 aaggttttta gcatgttcct ccttttcttc accctcccct ttgttcttct attaatcaag   300
237 agaaacttca aagttaatgg gatggtcgga tctcacaggc tgagaactcg ttcacctcca   360
239 agcatttcat gaaaaagctg cttcttatta atcatacaaa ctctcaccat gatgtg        416
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245 <213> ORGANISM: Homo sapiens
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252 tcgtagaaga ttcaagggcc agatcttgat gcccaacatt ggttatggaa gcaacaaaaa     180
254 aacaaagcac atgctgccca gtggcttccg gaagttcctg gtccacaacg tcaaggagct     240
256 ggaagtgctg ctgatgtgca acaaatctta ctgtgccgag atcgctcaca atgtttcctc     300
258 caagaaccgc aaagccatcg tggaaagagc tgcccaactg gccatcagag tcaccaaccc     360
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264 <211> LENGTH: 423
265 <212> TYPE: DNA
266 <213> ORGANISM: Homo sapiens
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271 aaggaaaaaa agaaaaaaac cttatctctt gcccttattt tgaattttcc actctttcat     120
273 taatttgttt taagctcctg ttggaaaaaa aggggtagtg cattttaaat tgaccttcat     180
275 acgctttaa aataagacaa atctacttga taatgtacct ttatttgatc tcaagttgta     240
277 taaaaccaat aaatttgtgt tactgcagta gtaatcttat gcacacggtg atttcatgtt     300
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287 <211> LENGTH: 358
288 <212> TYPE: DNA
289 <213> ORGANISM: Homo sapiens
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294 aaaagacaga agccttgact tctgctaagc ggtacatcga gacggaccca gccaatcggg     120
296 atcggcggac gcccatcacc gtggtgaagc aaggctttga gcctccctcc tttgtgggct     180
298 ggttccttgg ctgggatgat gattactggt ctgtggaccc cttggacagg gccatggctg     240
300 agctggctgc ctgaggaggg gcagggccca cccatgtcac cggtcagtgc cttttggaac     300
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307 <212> TYPE: DNA
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315 agggtgctcg gacagaattc ttaccacagc aaaggcataa gatgcttgat acggaaaatc     180
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319 agagccagaa ggtttctgtt taatgcatct tgccttatct ttttttatta ctgtgtacaa     300
321 agattttttt acacaaagaa acttaatgct gtattaataa attcagtgtg tagcttcaat     360
323 tgggatagtt ccaaaagtga agattttgtg aggaataagt gcaaattttt ttttttattt     420
325 aaaaaattct ttgaaactct taagtctttg tgtctgcaat gaaattgtac tccttgacag     480
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340 tatccgggtg cggctccacc ccttccacgt catccgcatc aacaagatgt tgtcctgtgc    180
342 tggggctgac aggctccaaa caggcatgcg aggtgccttt ggaaagcccc agggcactgt    240
344 ggccaggtt cacattggcc aagttatcat gtccatccgc accaagctgc agaacaagga    300
346 gcatgtgatt gaggccctgc gcagggccaa gttcaagttt cctggccgcc agaagatcca    360
348 catctcaaag aagtggggct tcaccaagtt caatgctgat gaatttgaag acatggtggc    420
350 tgaaaagcgg ctcatcccag atggctgtgg ggtcaagtac atccccagtc gtggccctct    480
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365 cgggctgctg tagcaggaga ggatggcaga atgattgctg gccaggtttt agatattaac    180
367 ctggctgcag agccaaaagt gaaccgagga aaagcaggtg tgaaacgatc tgcagcggag    240
369 atgtacggct cctcttttga cttggactat gactttcaac gggactatta tgataggatg    300
371 tacagttacc cagcacgtgt acctcctcct cctcctattg ctcgggctgt agtgccctcg    360
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386 cttttaagtt tagccccaat atagggtaat ggaaatttcc tgccctctgg gttccccatt    180
388 tttactatta agaagaccag tgataattta ataatgccac caactctggc ttagttaagt    240
390 gagagtgtga actgtgtggc aagagagcct cacacctcac taggtgcaga gagcccaggc    300
392 cttatgttaa aatcatgcac ttgaaaagca aaccttaatc tgcaaagaca gcagcaagca    360
394 ttatacggtc atcttgaatg atcccttga aatttttttt ttgtttgttt gtttaaatca    420
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402 <211> LENGTH: 534
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411 cctctaccaa ataccaaaag tcacagggta tggcttccct caaccttcct gctgtgtcat    180
413 ggaagatgaa ggcaccagag aaaaagccat tggtgaagag agagaaacag gatgagacac    240
415 agaccaagat taaacgggca tctcagaaga agcacgtgaa cccggtgcag gccctcagcg    300
417 agttcaaagc tatggacagc atctaagtct gcccaggccg gccgcccca cccctcgggg    360
419 ctcctgaata tcagtcactg ttcgtcactc aaatgaattt gctaaataca acactgatac    420
421 tagattccac agggaaatgg gcagactgaa ccagtccagg tggtgaattt tccaagaaca    480
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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 02/22/2007
PATENT APPLICATION: US/10/575,649A TIME: 13:35:04

Input Set : E:\22327 Sequence Listing.txt
Output Set: N:\CRF4\02222007\J575649A.raw

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:26; N Pos. 174,389
Seq#:32; N Pos. 36
Seq#:33; N Pos. 105,112,127,141
Seq#:40; N Pos. 35
Seq#:55; N Pos. 34,104,141,152,174,177,197,202,204,206,232,235,244,271,303
Seq#:55; N Pos. 312,315,349,354,384,389,400,407,415,423,499
Seq#:72; N Pos. 37,177
Seq#:86; N Pos. 297,298
Seq#:96; N Pos. 321,322
Seq#:122; N Pos. 231
Seq#:124; N Pos. 287
Seq#:156; N Pos. 277
Seq#:160; N Pos. 76
Seq#:163; N Pos. 66
Seq#:165; N Pos. 190,191,192,194,195,196,197,198,199,200,308
Seq#:191; N Pos. 182,475,514,515
Seq#:209; N Pos. 148
Seq#:216; N Pos. 57,58,59,183,303,305,316,389,404

VERIFICATION SUMMARY   DATE: 02/22/2007
PATENT APPLICATION: US/10/575,649A   TIME: 13:35:04

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L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:605 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:120
L:613 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:360
L:743 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0
L:774 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:60
L:776 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:120
L:935 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0
L:1294 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:0
L:1296 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:60
L:1298 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:120
L:1300 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:180
L:1302 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:240
L:1304 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:300
L:1306 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:360
L:1308 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:420
L:1310 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:480
L:1683 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:0
L:1687 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:120
L:2001 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:86 after pos.:240
L:2239 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:96 after pos.:300
L:2835 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:122 after pos.:180
L:2893 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:124 after pos.:240
L:3643 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:156 after pos.:240
L:3743 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:160 after pos.:60
L:3824 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:163 after pos.:60
L:3880 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:165 after pos.:180
L:3884 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:165 after pos.:300
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L:4946 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:209 after pos.:120
L:5123 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:216 after pos.:0
L:5129 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:216 after pos.:180
L:5133 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:216 after pos.:300
L:5135 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:216 after pos.:360
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